

REMARKS

Applicant respectfully requests reconsideration of the present U.S. patent application. Claims 15-18 have been allowed. Claims 20-23, 26 and 32 were objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form. Claims 6 and 25 stand rejected under 35 U.S.C. § 112. Claims 1, 5, 7-10, 19, 20, 27, 28 and 30 stand rejected under 35 U.S.C. § 102. Claims 1-14, 19, 24, 25, 27, 28, 30, 31 and 33-35 stand rejected under 35 U.S.C. § 103. Claims 19, 25 and 28 have been amended. Claims 1-14, 21 and 32 have been canceled. No claims have been added. Therefore, claims 15-20, 22-28, 30, 31 and 33-35 are pending.

Claim Rejections - 35 U.S.C. § 112

Claims 6 and 25 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to point out and distinctly claim the subject matter regarded as the invention. Claim 6 has been canceled. Therefore, the rejection of claim 6 under 35 U.S.C. § 112 is moot. Applicant has amended claim 25 accordingly to overcome the rejection under 35 U.S.C. § 112. Applicant therefore respectfully requests that the Examiner withdraw the rejection of claim 25 under 35 U.S.C. § 112, second paragraph.

Claim Rejections - 35 U.S.C. § 102

Rejections of Claims 1, 5, 7-10, 19, 20, 27, 28 and 30 based on *Ko*

Claims 1, 5, 7-10, 19, 20, 27, 28 and 30 were rejected under 35 U.S.C. § 102 as being anticipated by Ko et al. U.S. Patent Application 2004/0251483 (*Ko*). Claims 1, 5 and 7-10 have been canceled. Therefore, the rejections of claims 1, 5 and 7-10 as being

anticipated by *Ko* are moot. For at least the reasons set forth below, Applicant asserts that claims 19, 20, 27, 28 and 30 are not anticipated by *Ko*.

Claim 21 includes allowable subject matter. Applicant has amended claim 19 to include the allowable subject matter of claim 21. Claim 32 includes allowable subject matter. Applicant has amended claim 28 to include the allowable subject matter of claim 32. Consequently, claims 19 and 28 as amended are in condition for allowance. Thus, amended claims 19 and 28 are not anticipated by *Ko*. Applicant therefore respectfully requests that the Examiner withdraw the rejections of claims 19 and 28 under 35 U.S.C. § 102.

Claims 20 and 27 depend from claim 19. Claim 30 depends from claim 28. Because dependent claims include the limitations of the claims from which they depend, Applicant submits that claims 20, 27 and 30 are not anticipated by *Ko* for at least the reasons set forth above with regard to claims 19 and 28. Applicant therefore respectfully requests that the Examiner withdraw the rejections of claims 20, 27 and 30 under 35 U.S.C. § 102.

Claim Rejections - 35 U.S.C. § 103

Rejections of Claims 1-14, 19, 24, 25, 27, 28, 30, 31 and 33-35 based on *Barrou* in view of *Ko*

Claims 1-14, 19, 24, 25, 27, 28, 30, 31 and 33-35 were rejected under 35 U.S.C. § 103 as being unpatentable over U.S. Patent No. 5,912,478 issued to Barrou et al. (*Barrou*) in view of *Ko* et al. U.S. Patent Application 2005/0029541 (*Ko II*). Claims 1-14 have been canceled. Therefore, the rejections of claims 1-14 as being unpatentable over

Barrou in view of *Ko II* are moot. For at least the reasons set forth below, Applicant asserts that claims 19, 24, 25, 27, 28, 30, 31 and 33-35 are not rendered obvious by *Barrou* in view of *Ko II*.

As explained above, claims 19 and 28 as amended are in condition for allowance. Thus, amended claims 19 and 28 are not rendered obvious by *Barrou* and *Ko II*. Applicant therefore respectfully requests that the Examiner withdraw the rejections of claims 19 and 28 under 35 U.S.C. § 103.

Claims 24, 25 and 27 depend from claim 19. Claim 30, 31 and 33-35 depend from claim 28. Because dependent claims include the limitations of the claims from which they depend, Applicant submits that claims 24, 25, 27, 30, 31 and 33-35 are not rendered obvious by *Barrou* in view of *Ko II* for at least the reasons set forth above with regard to claims 19 and 28. Applicant therefore respectfully requests that the Examiner withdraw the rejection of claims 24, 25, 27, 30, 31 and 33-35 under 35 U.S.C. § 103.

Allowable Subject Matter

Claims 15-18 have been allowed. Claims 20-23, 26 and 32 were objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including the limitations of the base claim and any intervening claims.

As stated above, claim 19 has been amended to include the allowable subject matter of claim 21. Claim 21 has been canceled. Claims 20, 22, 23 and 26 depend from claim 19, which is in condition for allowance. Therefore, Applicant submits that although not rewritten in independent form as suggested by the Examiner, claims 20, 22, 23 and 26 are in condition for allowance.

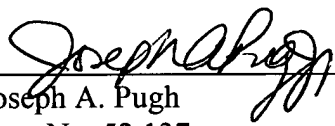
As stated above, claim 28 has been amended to include the allowable subject matter of claim 32. Therefore, claim 32 have been canceled.

CONCLUSION

Applicants submit that claims 15-20, 22-28, 30, 31 and 33-35 are in condition for allowance and such action is respectfully solicited. The Examiner is respectfully requested to contact the undersigned by telephone if such contact would further the examination of the present application.

Respectfully submitted,

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